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## Rhetorical Analysis of Using Artificial Intelligence in Education

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Have you ever seen a robotic school? The role of Artificial Intelligence (AI) in the education field is smarter than we believe. AI now exists in all fields of human beings, whether it is educational, medical, or social, and it is everywhere in our lives. Nowadays, AI's invention is working to change our present and shape our future in all sectors, especially in education, as one of the most important sectors. The article describes the benefits of AI in education for both teachers and students and shows how it helps them to pick out students' challenges to overcome them. On the other hand, the article sheds light on the challenges that AI has in education and the possibility to overcome these challenges. AI in education is an article published by Aaron, who is a specialist writer who is interested in AI in different fields of life and mainly education. As he likes to inspire people in AI programs, he wrote many articles about AI applications, whether in education or in other sectors. The article discusses the significant role of AI in education and reveals the problems that will face educators by showing and illustrating the pros and cons of AI.

### SUMMARY

In the article "The Use of AI In Education", the writer argues that AI has a considerable role in education, whether it is positive or negative. The writer uses an argumentative style by listing both pros and cons. Through mentioning the pros and cons, the writer gave examples, interpretation, and reliability to show and describe the effect of AI on education. The main resource for this essay is the article AI in education. The articles address the pros and cons of AI in education by supporting them with a real example from educational views. In the beginning, the writer gives a general introduction to AI in education and how it is growing steadily in the USA. Then the writer shows the drawbacks and benefits of Ai. The writer first listed five benefits of AI in education. These five benefits vary from personalizing learning and saving time. He mentioned the three challenges that AI will face in education. Moreover, the article discussed the spread of AI in education and how that may affect the position of humans in education in the future. As mentioned by (Galvis 2020) "The future of education is deeply linked with the development of new artificial intelligence technologies and computing". However, many challenges will face AI that result in serious problems for the roles of humans compared to AI as the writer stated (Galvis 2020), "even while the debate is still ongoing as to what extent AI will replace teachers' presence.". In the end, the article declares the pros and cons of AI in education and then describes how the

advantages of AI decrease the opportunity for humans while the challenges keep humans in their position.

## CONTEXT

The article “The Use of AI In Education” is written by Aaron Swain, who is a specialist writer “Aaron Swain is a writing specialist who is currently working for the writing service reviews company Best Writers Online.”, who works in the writing service review company because he inspires people with his thoughts and his passion for marketing, according to (Galvis 2020) “He is passionate about marketing and SEO. He expands and improves his skills throughout the writing process to help and inspire people.”. One of his works is the advantages and challenges of artificial intelligence (AI) technologies and computing essays and its reflection on education’ future. The article is a very good one because it represents the real situation and status of AI in education. Besides that, it shows the valuable benefits of AI in education and the challenges that may affect it in the future.

## DEFINITION OF KEY TERMS

There are many key terms that will be used throughout the article. The term “compare and contrast” will show the similarities and differences between the two concepts in the article. The second term is “ethos”. It is defined as creditability and the trust the writer creates in the text through branding, delivery method, and the resources he/she used. In addition to that, “ethos” is a rhetorical strategy in which the writer shows the readers some evidence to trust him/ her. The third terminology that will be used in the article is “logs”. This means that the log/ reason the writer uses in the text can be through the structure of the text or referring to studies or making analogies. Furthermore, “logos” “is how the writer keeps the readers thinking about the issue and how it will be solved. Another terminology used in the article is comparing and contrasting, is showing the similarities and differences between two issues and topics either by putting them together or showing each one similarity and differences.

### Logs

The logos used in the article support the benefits of AI in education which grows at a reasonable rate. In the introduction of the essay, the writer state that AI in USA education keeps growing at 47.5 by 2021, as stated at the beginning of the article by (Galvis 2020) “*keeps growing at a reasonable rate. It is projected to go as high as 47.5% by 2021.*” where the writer wants to approve that AI is developing so fast in developed countries. Besides this, two examples have been given of how AI is included in education like Online Writers Rating and robot LAB service according to (Galvis 2020) “*Thus, AI standard K-12 programs platforms like RobotLAB provide efficiency and effectiveness in input, outcomes, and workflow.*”. These examples are a real use of AI’s application, so AI is existing. All these mean that AI has taken big roles in education and moved toward high control of education compared to a human being, as stated (“Artificial Intelligence in Education | UNESCO,” n.d.), “*Artificial Intelligence (AI) has the potential to address some of the biggest challenges in education today, innovate teaching and learning practices, and ultimately accelerate the progress towards SDG 4.*” One more example of how AI is growing quickly and stable and always picks up topics that students struggle with and tries to address all of them and give solutions for

each one as mentioned by (Jagadeesh 2020) *“it cannot flexibly develop a student's mind as a teacher would. While educators can proffer multiple problem-solving methods, AI doesn't have alternative teaching methods.”* In the end, the writer mentioned all these examples and statistics to prove that AI will take big roles in our daily and future life and will shape it a change whether it is a positive or negative change but will exist in our life soon.

### **Ethos**

There are many statistics and real examples mentioned in the article. First, the writer shows us the percentages of development of AI in the USA, this means that AI in education is not general talk but is a real use and threat for a human being. Second, the application of AI is not frequently used but is daily use and in serious issues that humans need especially education. From these two examples, the writer approves that AI is a serious issue that we should face seriously, or one day we will find ourselves as (human beings) with hasn't roles either in education or in the field. According to (Jones (Colbourn) 1985), *“Despite the huge opportunities AI offers there might also be some potential risks with it. AI is likely to become either the best or the worst thing that might happen to humanity. AI could support teaching and learning but new ethical implications and risks emerge with the development of AI applications in higher education. One such example is, due to the ongoing coronavirus pandemic and the budget cuts, the administrators might think of replacing teaching with profitable automated AI solutions. If the usage of AI in education increases, there might be a chance that personal interactions get decreased and students get technology addicted and sometimes this may hurt the learners instead of helping them”*. On the other hand, many pros for AI in mentioned in the article, and in addition to that is what is stated by (Kaplan Pathways 2022) *“At present young people tend to use a lot of time using their smartphones or tablets. This gives them a chance to study for ten to fifteen minutes in their free time by using AI applications. AI helps us understand the mood or ease of students during the lectures by using Gesture Recognition Technology. Since AI becomes more sophisticated the machine reads the facial expressions or gestures of the student and uses them to know if the student is struggling to understand the lecture and alter the lesson so that the student can follow up easily”*.

### **COMPARISON AND CONTRAST**

In the beginning, Aaron uses an argumentative style by listing both drawbacks and benefits of AI in education to make his article more reliable and credible. So, no doubt he proved that AI has positive and negative roles in education. The first example of proving that, he listed five advantages and three challenges for AI. The advantages mentioned in the article as follow monitor and analyze student progress in real-time, saves time and improves efficiency, more personalized learning experience, convenient and improved student-teacher interactions and simplifying administrative tasks. On the other hand, the disadvantages were as follow, cost of ai technology, vulnerable to cyber-attacks and little to no room for flexibility. Thus, the writer shows the credibility of the text by providing real examples for the use of AI, and his experience in online working shade light on the progress of AI in all other life sectors compared to some challenges that AI faces and will face. AI's pros and cons are boundless many writers wrote about that for example as Marline mentioned in his article AI in an inability to conduct a natural conversation, inability to anticipate and diagnose students or user

mistakes beside the drawback, many benefits are mentioned such as modeling/formation of the object is obvious and look like real according to (Jagadeesh 2020) “Thus, schools with little funding may find it challenging to implement AI-augmented learning. They also won't get to enjoy the benefit of automating administrative tasks that take up staff time.” In short, Aaron's article is credible and reliable enough which is obvious through his experience as a writer besides mentioning the pros and cons very clearly to persuade the reader that AI has double sides.

To sum up, in the article “The Use of Artificial Intelligence in Education”, Aaron effectively persuades and addresses the readers that AI can be both good and bad in the educational field. In the article, the writer mainly claims that AI affects education both positively and negatively. To affect the readers, the writer utilizes a variety of practical argumentative strategies such as interpretation, logos, and pathos and provides real examples of the application of AI. The significance of the analysis stems from the implications of the issue and the use of argumentative strategies to argue about AI in education. AI is the most important thing in education and can help educationalists to do many tasks in a short time. Besides that, it helps them to handle any new problems which come to the surfer. However, AI can replace human beings soon or later, as the writer declares in the article, either in education or in other life needs and applications. Therefore, dealing with AI should be in a wise way, mainly in education, because dealing will be with minds. By analyzing the article, the writer may help the reader to understand the benefits and drawbacks of AI in education and give educators to choose the best methodology for applying the advantages and finding out solutions to the challenges without changing their roles in education.

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